



FEB 15 2002

Serial: HNP-02-018

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

~~SHEARON HARRIS NUCLEAR POWER PLANT~~
~~DOCKET NO. 50-400/LICENSE NO. NPF-63~~
~~MONTHLY OPERATING REPORT~~

Dear Sir or Madam:

In accordance with Carolina Power & Light Company's Harris Nuclear Plant Technical Specification 6.9.1.5, the report of operating statistics and shutdown experience for the month of January 2002 is provided.

Sincerely,

R. J. Field
Manager, Regulatory Affairs
Harris Nuclear Plant

SGR

Enclosure

- c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. J. M. Goshen (NRC Project Manager, HNP)
Mr. L. A. Reyes (NRC Regional Administrator, Region II)

IE24

CP&L CO.
RUN DATE 02/07/02
RUN TIME 14:36:19

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
HARRIS UNIT 1

PAGE 1
RPD36-000

DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919)362-2573

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1
2. REPORTING PERIOD: JANUARY 02
3. LICENSED THERMAL POWER (MWT): 2900
4. NAMEPLATE RATING (GROSS MWE): 950.9
5. DESIGN ELECTRICAL RATING (NET MWE): 941.7
6. MAX. DEPENDABLE CAPACITY (GROSS MWE): 960.0
7. MAX. DEPENDABLE CAPACITY (NET MWE): 900.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:

Line items 6 and 7, Gross and Net MDC have been changed. These changes are a result of Power Uprate and Steam Generator Replacement implementation during the recently completed refueling outage. Additional adjustments to the MDC values may be required as a result of further evaluation during peak period conditions.

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	744.00	129337.00
12. NUMBER OF HOURS REACTOR CRITICAL	726.25	726.25	109997.15
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	687.13	687.13	108992.38
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1888192.32	1888192.32	293986621.50
17. GROSS ELEC. ENERGY GEN (MWH)	638584.00	638584.00	97785472.00
18. NET ELEC. ENERGY GENERATED (MWH)	596616.00	596616.00	91324093.00
19. UNIT SERVICE FACTOR	92.36	92.36	84.27
20. UNIT AVAILABILITY FACTOR	92.36	92.36	84.27
21. UNIT CAP. FACTOR (USING MDC NET)	89.10	89.10	82.08
22. UNIT CAP. FACTOR (USING DER NET)	85.15	85.15	74.98
23. UNIT FORCED OUTAGE RATE	.00	.00	2.71
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

Enclosure to
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Sheet 2 of 3

CP&L CO.
RUN DATE 02/07/02
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

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TELEPHONE (919)362-2573

JANUARY 2002

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-43	17	933
2	-43	18	934
3	72	19	935
4	272	20	935
5	583	21	932
6	843	22	932
7	920	23	931
8	927	24	922
9	927	25	931
10	910	26	934
11	916	27	930
12	920	28	925
13	921	29	924
14	933	30	918
15	932	31	919
16	935		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 02/01/02
COMPLETED BY: S. G. Rogers
TELEPHONE: (919) 362-2573

REPORT MONTH: January 2002

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
01-003	09/22/01	S	56.87	C	4	NA	ZZ	ZZZZZ	Harris Plant was taken off line for Refueling Outage 10 on 9/22/01. Refueling Outage 10 ended January 3, 2002 at 08:52. Ramp-up to 100% power was complete 01/06/02 at 24:00.

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continued
5-Reduced Load
6-Other

4
Exhibit G-Instructions
for Preparation of Data
Entry Sheets for Licensee Event Report
(LER) File
(NUREG-0161)

5
Exhibit 1 - Same Source